

**From:** [Niemi, Cheryl \(ECY\)](#)  
**To:** [Kissinger.Lon@epamail.epa.gov](mailto:Kissinger.Lon@epamail.epa.gov)  
**Subject:** RE: 1x10e-6 as a Definition of Acceptable Risk  
**Date:** Wednesday, January 02, 2013 1:44:55 PM

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Thank you!

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**Cc:** Bradley, Dave (ECY); Niemi, Cheryl (ECY)  
**Subject:** Fw: 1x10e-6 as a Definition of Acceptable Risk

Hi,

The last time I came across Kate Kelly's diatribe discounting development of 1 in a million as a regulatory risk value was when I was working on development of the WA State Dept. of Ecology's version of CERCLA. Washington is now revising its ambient water quality criteria and I've been trying to assist them. Ecology is now facing pressure from the pulp and paper industry on the use of 1 in a million as the lower end of Ecology's risk range for its AWQC.

I was wondering whether any of you had seen any cogent arguments as to why 1 in a million is an appropriate value for the lower end of EPA's risk range? Alternatively, I was wondering if there were others I should circulate this to.

Thanks!

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----- Forwarded by Lon Kissinger/R10/USEPA/US on 01/02/2013 01:32 PM -----

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To: Lon Kissinger/R10/USEPA/US@EPA  
Date: 01/02/2013 01:06 PM  
Subject: FW: 1x10e-6 as a Definition of Acceptable Risk

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Hi Lon. Here is the paper. Would like to know if the information about the FDA is correct as to the origin of 10-6. Thanks for your help! Cheryl

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*(See attached file: Document.pdf)*